

Recessed

Robo DL1304

Recessed spotlight

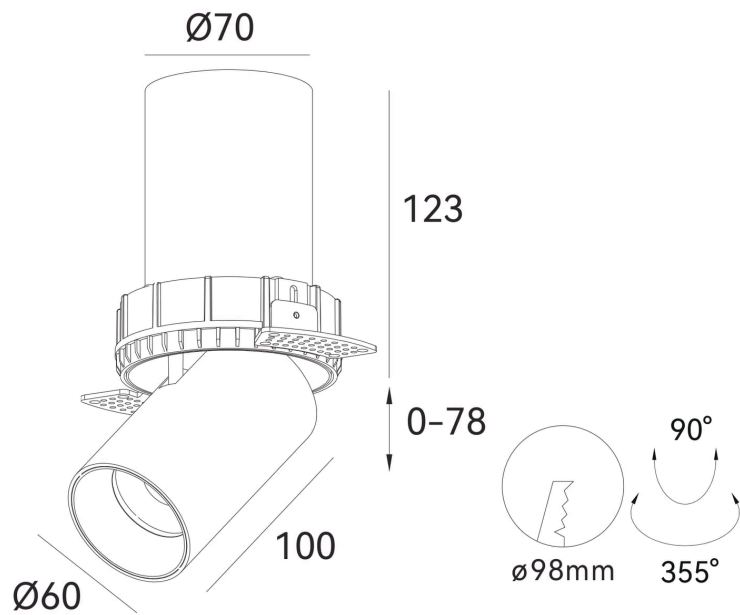


Recessed spotlight. 13 W. Four beam angles, 15° to 50°. 2700, 3000, 4000 K. 97 CRI.

- Ceiling cut-out Ø98 mm
- LED source: Citizen

Power 13 W	Voltage max 37 V	Luminous flux 1180 lm
Colour temperature 2700 K, 3000 K, 4000 K	CRI 97 CRI	Beam angles 15°, 24°, 36°, 50°
IP rating IP20	Certifications CE	Mounting Recessed
Finishes White, Black		

Dimensions



Models

Code	Power	Voltage	Flux	CRI	Size	Cut-out	Beam	Notes
DL1304	13 W	max 37 V	1180 lm	97 CRI	Retractable trimless: housing Ø70 x H123, stroke 0-78 mm; head Ø60 x L100 mm	Ø98 mm	15° 24° 36° 50°	350 mA

Finishes



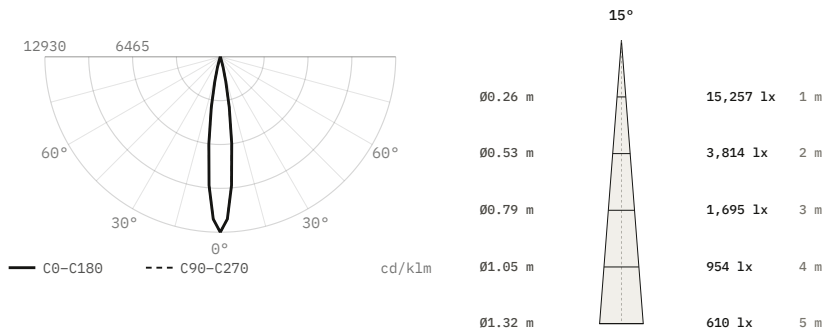
Black

White

Photometry

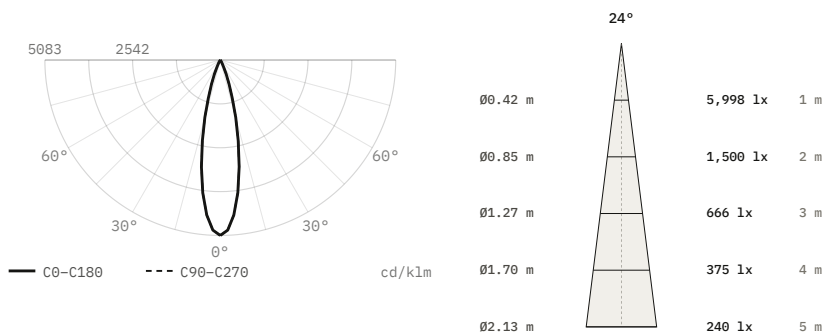
Polar curve, on-axis illuminance with beam diameter at 1–5 m, and key figures for DL1304, from the same data as the IES and LDT files on the product page. Calculated from catalogue data, not measured with a goniophotometer. Other models with the same beam share this distribution, scaled to their luminous flux.

DL1304, 13 W, 15° beam



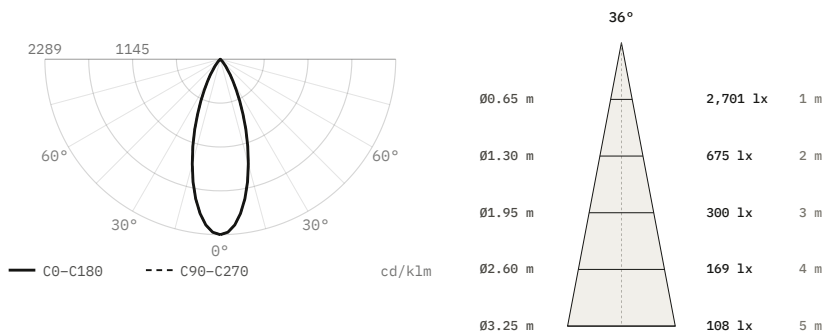
Luminous flux	1,180 lm
Efficacy	91 lm/W
Peak intensity	15,257 cd, 12,930 cd/klm
Beam angle (50%)	15°
Field angle (10%)	27.3°
Cut-off angle (2.5%)	17°
Flux 0–30° / 30–60° / 60–90°	100 / 0 / 0 %
Size	Ø70 × 123 mm
Data	Calculated from catalogue data

DL1304, 13 W, 24° beam



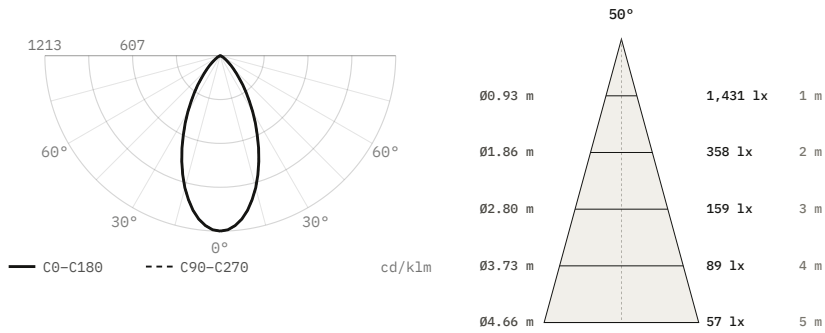
Luminous flux	1,180 lm
Efficacy	91 lm/W
Peak intensity	5,998 cd, 5,083 cd/klm
Beam angle (50%)	24°
Field angle (10%)	43.7°
Cut-off angle (2.5%)	27.5°
Flux 0–30° / 30–60° / 60–90°	98.7 / 1.3 / 0 %
Size	Ø70 × 123 mm
Data	Calculated from catalogue data

DL1304, 13 W, 36° beam



Luminous flux	1,180 lm
Efficacy	91 lm/W
Peak intensity	2,701 cd, 2,289 cd/klm
Beam angle (50%)	36°
Field angle (10%)	65.6°
Cut-off angle (2.5%)	41.5°
Flux 0–30° / 30–60° / 60–90°	86.1 / 13.9 / 0 %
Size	Ø70 × 123 mm
Data	Calculated from catalogue data

DL1304, 13 W, 50° beam



Luminous flux	1,180 lm
Efficacy	91 lm/W
Peak intensity	1,431 cd, 1,213 cd/klm
Beam angle (50%)	50°
Field angle (10%)	91.1°
Cut-off angle (2.5%)	57.5°
Flux 0-30° / 30-60° / 60-90°	64.8 / 33.6 / 1.5 %
Size	Ø70 × 123 mm
Data	Calculated from catalogue data

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Technical data may change without notice.